

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	6	"6132336"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/05/03 18:35
L2	2	("6132336").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/05/03 18:35
S1	2	("20020134637").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/05/03 18:26
S2	2	("20020137597").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/02/14 10:56
S3	213	(clutch adj control) and (characteristic adj curve)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/02/14 10:57
S4	292	(clutch near control) and ((characteristic or adapt\$3) adj curve)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/02/14 10:57
S5	122	(S4 or S3) and (engine adj torque)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/02/14 10:58
S6	34	S5 and correction	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/02/14 11:55
S7	229	701/67.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/02/14 11:56

## EAST Search History

S8	24	S7 and (characteristic adj curve)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/02/14 12:33
S9	205	S7 not S8	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/02/14 12:32
S10	102	701/68.ccls..	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/02/14 12:33
S11	21	S10 and (characteristic adj curve)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/02/14 13:31
S12	81	S10 not S11	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/02/14 13:31
S13	28291	clutch and vehicle and control and adapt\$5	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/07/17 15:45
S14	2046	S13 and signal and (clutch near control)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/07/17 15:46
S15	752	S14 and (algorithm or calculation or equation)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/07/17 15:47
S16	379	S15 and ((operat\$3 or condition) near driv\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/07/17 15:48
S17	320	S16 and state	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/07/17 15:49

## EAST Search History

S18	373	S16 and ((state or condition or operat\$3) same clutch)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/07/17 15:49
S19	257	S16 and ((state or condition or operat\$3) near clutch)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/07/17 15:58
S20	189	S19 and characteristic	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/07/17 16:29
S21	28	S19 and (characteristic near curve)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/07/17 16:29
S22	3	("5390117"   "6128564").PN. OR ("6507780").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/07/17 16:59
S23	12	(("6052647") or ("6171199") or ("6184656") or ("6236360") or ("6236940") or ("6246932")).PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/07/18 09:38
S24	31	("4480310"   "4489314"   "4656476"   "4703444"   "4823086"   "4906825"   "4910677"   "4926161"   "5044634"   "5056106"   "5086390"   "5095430"   "5097416"   "5127044"   "5247440"   "5319548"   "5364093"   "5438518"   "5507485"   "5524081"   "5532690"   "5685768"   "5838277").PN. OR ("6236360").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/07/18 09:47
S25	2	("5548822").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/07/18 10:32
S26	22	("3568161"   "3789198"   "4914733"   "5168451"   "5179377"   "5313200").PN. OR ("5548822").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/07/18 10:54

## EAST Search History

S27	2	("6625540").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/07/18 10:54
S28	5	(("6105743") or ("5679091") or ("6386351") or ("5890992")).PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/08/01 17:37
S29	2	("20040064232").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/08/01 17:41
S30	468	477/174.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/08/01 17:41
S31	4	S30 and adaption	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/08/01 17:46
S32	30	S30 and (characteristic adj curve)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/08/02 09:25
S33	468	477/174.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/08/02 18:29
S34	30	S33 and (characteristic adj curve)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/08/02 09:25
S35	9	S34 and delay	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/08/02 10:27
S36	170	S33 and adapt\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/08/02 10:33

## EAST Search History

S38	36	S36 and curve	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/08/02 10:59
S39	2	("6171212").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/08/02 10:59
S40	11	("4561530"   "5316116"   "5378211"   "5393274"   "5413542"   "5439428"   "5441462"   "5993355"   "6059691"   "6206803"   "6258009").PN. OR ("6640951"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/08/02 11:21
S41	8	("5065851"   "5176234"   "5322150"   "5393274"   "5624350"   "5632706").PN. OR ("5993352"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/08/02 15:39
S42	7	("20020042327"   "4651142"   "5056639"   "5980428"   "6113515"   "6171212"   "6631319").PN. OR ("6922623").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/08/02 18:14
S43	112	477/70.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/08/02 18:46
S44	22	S43 and curve	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/08/02 18:46
S45	26	S43 and (delay or offset or correction)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/08/03 08:45
S46	0	S43 and (superimpos\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/08/02 18:45
S47	150	477/74.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/08/03 09:12

## EAST Search History

S48	24	S47 and curve	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/08/02 18:46
S49	150	477/74.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/08/03 10:46
S50	34	S49 and (delay or offset or correction)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/08/03 11:53
S51	3	S49 and superimpos\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/08/03 09:05
S52	66	477/76.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/08/03 09:24
S53	13	S52 and curve	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/08/03 09:14
S54	215	477/78.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/08/03 09:52
S55	34	S54 and curve	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/08/03 09:52
S56	57	S54 and (delay or offset or correction)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/08/03 10:09
S57	12	S56 and curve	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/08/03 09:37

## EAST Search History

S58	2	S54 and superimpos\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/08/03 09:52
S59	257	477/86.ccis.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/08/03 09:52
S60	41	S59 and curve	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/08/03 10:46
S61	26	S60 and (delay or offset or correction)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/08/03 10:46
S62	10	S59 and superimpos\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/08/03 10:41
S63	387	477/176.ccis.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/08/03 10:46
S64	65	S63 and curve	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/08/03 11:14
S65	36	S64 and (delay or offset or correction)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/08/03 11:08
S66	29	S64 not S65	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/08/03 11:08
S67	12	S63 and superimpos\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/08/03 11:53

## EAST Search History

S68	631	192/3.58.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/08/03 11:53
S69	90	S68 and curve	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/08/03 14:20
S70	47	S69 and (delay or offset or correction)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/08/03 11:54
S71	631	192/3.58.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/08/03 14:22
S72	13	S71 and superimpos\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/08/03 14:20
S73	273	192/31.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/08/03 14:22
S74	131	S73 and clutch	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/08/03 14:22
S75	4	S73 and curve	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/08/03 14:22
S76	344	700/30.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/01/16 11:58
S77	8	S76 and clutch	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/01/16 11:58

## EAST Search History

S78	228	700/32.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/01/16 11:58
S79	2	S78 and clutch	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/01/16 11:58
S80	323	700/45.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/01/16 12:16
S81	43	S80 and vehicle	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/01/16 11:58
S82	4	S81 and clutch	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/01/16 12:08
S83	39	S81 not S82	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/01/16 12:08
S84	114	700/50.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/01/16 12:18
S85	21	S84 and vehicle	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/01/16 12:16
S86	1	S85 and clutch	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/01/16 12:17
S87	20	S85 not S86	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/01/16 12:17

## EAST Search History

S88	1213	700/28.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/01/16 12:18
S89	104	S88 and vehicle	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/01/16 12:18
S90	6	S89 and clutch	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/01/16 12:21
S91	112	701/68.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/01/16 13:52
S92	1	S91 and kalman	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/01/16 14:42
S93	271	701/67.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/01/16 13:52
S94	1	S93 and kalman	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/01/17 10:20
S95	7	S93 and (curve same (adapt or adaptation or adjust))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/01/16 13:55
S96	53	vehicle and clutch and ((characteristic adj curve) near (shape or configuration or profile or form))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/01/16 14:44
S97	114	control and vehicle and (fuzzy and kalman) and design	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/01/17 10:23